```
   1    atgttgctgatcaactttttcatcgctgttctgggagtgatatcactgtctcctattgtg
   1    Met Leu Leu Ile Asn Phe Phe Ile Ala Val Leu Gly Val Ile Ser Leu Ser Pro Ile Val

  61    gttgctcgttatattcttcgacgagattgcactacagttacggtcttgtcctcccctgag
  21    Val Ala Arg Tyr Ile Leu Arg Arg↑Asp Cys Thr Thr Val Thr Val Leu Ser Ser Pro Glu

 121    tctgtgacgagttcgaaccatgttcagctagccagtcatgagatgtgcgacagtaccttg
  41    Ser Val Thr Ser Ser Asn His Val Glu Leu Ala Ser His Glu Met Cys Asp Ser Thr Leu
                                      Gln

 181    tcagcgtccctttatatctacaatgatgattatgataagattgtgacactttattatctt
  61    Ser Ala Ser Leu Tyr Ile Tyr Asn Asp Asp Tyr Asp Lys Ile Val Thr Leu Tyr Tyr Leu

 241    acatcgtcgggcacaactgggtccgtaacagcgtcttattcttctagtttgagtaacaac
  81    Thr Ser Ser Gly Thr Thr Gly Ser Val Thr Ala Ser Tyr Ser Ser Ser Leu Ser Asn Asn

 301    tgggaattgtggtctctctcggctccggctgcagatgctgtcgagatcactggagctagt
 101    Trp Glu Leu Trp Ser Leu Ser Ala Pro Ala Ala Asp Ala Val Glu Ile Thr Gly Ala Ser

 361    tatgtagacagcgatgcatctgcgacatacgccacgtcttttgatatacctcttactacc
 121    Tyr Val Asp Ser Asp Ala Ser Ala Thr Tyr Ala Thr Ser Phe Asp Ile Pro Leu Thr Thr

 421    acgacaacgtcgtcgtcttctgctagtgcgacttcaacatctagtctaaccacaacatct
 141    Thr Thr Thr Ser Ser Ser Ser Ala Ser Ala Thr Ser Thr Ser Ser Leu Thr Thr Thr Ser

 481    agtgtttccatttcggtgtccgtccctacaggaacagctgcaaattggcgaggtagggct
 161    Ser Val Ser Ile Ser Val Ser Val Pro Thr Gly Thr Ala Ala Asn Trp Arg Gly Arg Ala

 541    atctatcagatcgtgactgatagatttgcacgcactgacggctccaccacatatttatgc
 181    Ile Tyr Glu Ile Val Thr Asp Arg Phe Ala Arg Thr Asp Gly Ser Thr Thr Tyr Leu Cys
              Gln

 601    gatgttaccgataggg tctattgcggagggtcttatcaggggattatcaatatgctggat
 201    Asp Val Thr Asp Arg Val Tyr Cys Gly Gly Ser Tyr Glu Gly Ile Ile Asn Met Leu Asp
                                            Gln

 661    tacatccaaggcatgggctttactgctatttggatttctcctatagtggaaaatattccc
 221    Tyr Ile Glu Gly Met Gly Phe Thr Ala Ile Trp Ile Ser Pro Ile Val Glu Asn Ile Pro
              Gln

 721    gatgacaccggatacggttacgcatatcatggttattggatgaaagatatcttcgccctg
 241    Asp Asp Thr Gly Tyr Gly Tyr Ala Tyr His Gly Tyr Trp Met Lys Asp Ile Phe Ala Leu

 781    aatacaaattttggtactgcagacgatttgatagcgttggctacggaattgcataatcgc
 261    Asn Thr Asn Phe Gly Thr Ala Asp Asp Leu Ile Ala Leu Ala Thr Glu Leu His Asn Arg

 841    ggcatgtacttgatggttgatattgttgtcaatcactttgctttctcaggaagtcatgcc
 281    Gly Met Tyr Leu Met Val Asp Ile Val Val Asn His Phe Ala Phe Ser Gly Ser His Ala

 901    gacgtggactactctgaatatttcccgtattcgtcccaggattattttcattcattttgc
 301    Asp Val Asp Tyr Ser Glu Tyr Phe Pro Tyr Ser Ser Glu Asp Tyr Phe His Ser Phe Cys
                                                    Gln

 961    tggattacagattactcgaatcagacaaacgttgagcagtgctggcttggcgacgatact
 321    Trp Ile Thr Asp Tyr Ser Asn Glu Thr Asn Val Glu Gln Cys Trp Leu Gly Asp Asp Thr
                                      Gln

1021    gttcctctcgtggacgtcaatacccaacttgacaccgtgaaaagtgaatatcaatcctgg
 341    Val Pro Leu Val Asp Val Asn Thr Glu Leu Asp Thr Val Lys Ser Glu Tyr Gln Ser Trp
                                      Gln

1081    gttcaagaacttatagctaattactctattgacggcctaagaattgacaccgtcaagcac
 361    Val Glu Glu Leu Ile Ala Asn Tyr Ser Ile Asp Gly Leu Arg Ile Asp Thr Val Lys His
          Gln

1141    gtgcagatggattttttgggcaccatttcaagaggctgcagggatttacgccgttggtgaa
 381    Val Glu Met Asp Phe Trp Ala Pro Phe Glu Glu Ala Ala Gly Ile Tyr Ala Val Gly Glu
          Gln                             Gln                                    Gln

1201    gtattcgacggtgatccatcctacacatgtccatatcaggaaaatcttgacggtgtcttg
 401    Val Phe Asp Gly Asp Pro Ser Tyr Thr Cys Pro Tyr Glu Glu Asn Leu Asp Gly Val Leu
                                                    Gln

1261    aattatcctgtttattatcctgtcgtctctgcgtttgagagtgttagtgggtcggtctcc
 421    Asn Tyr Pro Val Tyr Tyr Pro Val Val Ser Ala Phe Glu Ser Val Ser Gly Ser Val Ser

1321    tcgttagtcgatatgattgatacgctcaagtctgaatgcaccgacactactctcctaggc
 441    Ser Leu Val Asp Met Ile Asp Thr Leu Lys Ser Glu Cys Thr Asp Thr Thr Leu Leu Gly

1381    tcctttctagagaatcaagataatccgcgattccctagctacacttctgatgagtcttta
 461    Ser Phe Leu Glu Asn Glu Asp Asn Pro Arg Phe Pro Ser Tyr Thr Ser Asp Glu Ser Leu
                        Gln

1441    attaaaaatgcgatcgctttcactatgctctcagacggcattcccataatttattacggt
 481    Ile Lys Asn Ala Ile Ala Phe Thr Met Leu Ser Asp Gly Ile Pro Ile Ile Tyr Tyr Gly
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FIG. 1a

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Supplemental Response Dated: March 6, 2008
Annotated Sheet Showing Changes

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1501   caggagcaaggcctcaatggtggaaacgatccctataatcgagaggcgctttggcttacg
 601   Gtu Glu Gln Gly Leu Asn Gly Gly Asn Asp Pro Tyr Asn Arg Glu Ala Leu Trp Leu Thr
       Gln
1561   ggctactccacaacgtcgacgttctacaaatacattgcgtcgttgaatcagattagaaat
 521   Gly Tyr Ser Thr Thr Ser Thr Phe Tyr Lys Tyr Ile Ala Ser Leu Asn Gtu Ile Arg Asn
                                                                    Gln
1621   caggctatatacaaagatgatacttatctcacatatcagaactgggttatttattcggat .
 541   Gtu Ala Ile Tyr Lys Asp Asp Thr Tyr Leu Thr Tyr Gtu Asn Trp Val Ile Tyr Ser Asp
       Gln                                            Gln
1681   tccacgacaatagcaatgcggaaaggttttacagggaaccaaataattacggttctgtca
 561   Ser Thr Thr Ile Ala Met Arg Lys Gly Phe Thr Gly Asn Gtu Ile Ile Thr Val Leu Ser
                                                         Gln
1741   aatcttgggaccagtggcagttcgtacactttgacgctttcgaatacgggatataccgca
 581   Asn Leu Gly Thr Ser Gly Ser Ser Tyr Thr Leu Thr Leu Ser Asn Thr Gly Tyr Thr Ala
1801   tctagcgttgtatatgagatcttgacatgcacagctgtgactgtggattcgtctgggaat
 601   Ser Ser Val Val Tyr Glu Ile Leu Thr Cys Thr Ala Val Thr Val Asp Ser Ser Gly Asn
1861   ttggcagtgccgatgtccagtggcctaccaaaagtctttatcaggaatcgcaactggtt
 621   Leu Ala Val Pro Met Ser Ser Gly Leu Pro Lys Val Phe Tyr Gtu Glu Ser Gln Leu Val
                                                              Gln
1921   ggctctggaatctgctccatgtagag ·
 641   Gly Ser Gly Ile Cys Ser Met
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FIG. 1b